
ELIS Incident Report

Part A: General Information

Incident ID

1024153-006

County:

Incident Date: 8/5/2010 through

Year: 2010

State: CA

Total Number:

Case #: S1006212

Country: USA

Total Magnitude: 1 mountain lion

Weather:

Incident Type

Aqua. Animal

☒ Terr. Animal

Field Study

Created: #####

Aqua. Plant

Terr. Plant

Updated: #####

Abstract:

The pathologist determined a female mountain lion with a history of being shot and chased by dogs probably died from stress. The pesticides brodifacoum (0.58 ppm), bromadiolone (0.72 ppm) and diphacinone (0.43 ppm) were detected in liver samples. No evidence of anticoagulant toxicosis.

Reports

Package #	Incident #	Source	Report Date
024153	006	California Animal Health and Food Safety	11/13/2010

ELIS Incident Report

Part B: Pesticide Information

1024153-006

County:

State: CA

Date: 8/5/2010

Pesticide: Brodifacoum (112701)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unrelated

The rodenticides brodifacoum, bromadiolone and diphacinone were detected in liver samples. In the absence of evidence of coagulopathy their detection in liver sample is indicative of exposure but not intoxication. The determined the mountain lion probably died from stress.

Pesticide: Bromadiolone (112001)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unrelated

The rodenticides brodifacoum, bromadiolone and diphacinone were detected in liver samples. In the absence of evidence of coagulopathy their detection in liver sample is indicative of exposure but not intoxication. The determined the mountain lion probably died from stress.

Pesticide: Diphacinone (067701)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unrelated

The rodenticides brodifacoum, bromadiolone and diphacinone were detected in liver samples. In the absence of evidence of coagulopathy their detection in liver sample is indicative of exposure but not intoxication. The determined the mountain lion probably died from stress.

EHIS Incident Report

Part C: Species Information

1024153-006

County:

State: CA

Date: 8/5/2010

☐ 1

Species: Mountain lion

Response:

Sci. Name: *Felis concolor*

Magnitude: 1

Taxon: Mammal

Habitat:

Age:

Distance:

Rt. of Exposure: Secondary poisoning

Necropsy

Number:

Condition:

Cholinesterase

Number:

Activity: um/g/min
Percent of Normal

Tissue Residues

Sample Type	PC Code	Pesticide	N	Conc. (ppm)
Liver	067701	Diphacinone	1	0.43
Liver	112701	Brodifacoum	1	0.58
Liver	112001	Bromadiolone	1	0.72

ELIS Incident Report

Part D: Environmental Measurements

County:

State:

Date:

Common Name

PC Code

Degredate

Concentrations
in ppb

Water

Soil

Sediment

Foliage

Min.

Max.

N

LOD

Other Samples

Description

Concentration

N

LOD

Dissolved Oxygen (ppm)

to

pH

to